

## ABSTRACT

Disclosed are systems and methods which implement communication scheduling to reduce service level variance associated with interference. In providing communication scheduling according to embodiments, multi-channel coverage may be provided throughout all portions of a service area to facilitate resource flexibility. According to embodiments, interference metrics are collected in real time for use in scheduling decisions. Synchronized point to multipoint wireless network protocols may be used to facilitate interference metric collection and/or communication scheduling. Uplink and/or downlink communications may be scheduled using one or more diversity attribute in order to achieve a desired level of bandwidth throughput, communication service level variance, and/or communication reliability in spite of the presence of unpredictable interference in the spectrum.